Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 27 Jan 2023 until 23:59 on Saturday 28 Jan 2023

Forecast Issued on Thursday 26 Jan 2023 at 15:22

Confidence: High confidence for settled conditions for the start of the period with cold conditions persisting. Poor visibility may become a hazard on Friday and Saturday with the risk of extensive mist and fog or freezing fog. Turning milder for a time on Sunday but lower confidence around the timing of milder air arriving.

Headline for Friday 27 Jan 2023: Dry with some bright spells, perhaps some early mist and fog.

Mountain weather hazards on Friday 27 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
		MIST				MIST	FOG
Dull	Dull	Mist	Cloudy	Cloudy	Sunny intervals	Mist	Fog
Precipitation probability							
10%	10%	10%	10%	10%	10%	10%	10%

Forecast for Friday 27 Jan 2023

Weather: Mostly dry overnight but mist and freezing fog/fog patches will form readily especially around dawn when winds are light, a frost is also expected. Any mist and fog will clear during the morning with cloud lifting above most tops and a dry and bright afternoon is likely with some sunny intervals. Mist and fog patches are likely to reform during the evening.

Chance of cloud-free hill tops above 600m: 50% rising to 80% as early mist and fog lifts.

Low Cloud and visibility: Layers of scattered cloud above 500m are likely to affect the hills in the early morning with mist and fog lingering. Northern areas towards Tan Hill and Swaledale are more likely to be affected with many of the southern hills cloud free all day. Visibility will be moderate or poor in mist and fog but as this lifts and clears visibility will become very good for much of the day. Visibility is likely to be hazy from mid afternoon and turning moderate or poor as mist and fog reforms later.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 27 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/16 N	7/12 NE	5/8 NE	4/7 NE	3/5 SE	6/10 W	7/12 SW	7/12 SW	9/15 SW
300	6/15 N	5/12 N	4/10 N	4/8 N	1/4 SE	4/8 W	4/9 W	3/9 SW	4/10 SW
Valley	4/12 N	3/10 N	3/8 NE	2/6 NE	1/3 S	3/6 W	1/6 W	1/4 W	2/6 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-4	1/-3	0/-2	0/-2	1/-0	1/-2	0/-3	-0/-4	-0/-5
300	2/-1	2/-0	2/-1	1/-1	4/3	4/2	1/-1	1/-1	1/-1
Valley	3/1	2/1	1/-0	1/-1	5/4	5/4	2/1	2/1	2/0
Freezing Level*	700m	700m	700m	600m	600m	600m	600m	600m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A dry settled day with some sunshine, feeling cold with a significant wind chill in the fresh winds later. The main hazards are mist and fog affecting visibility at times.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 26 Jan 2023	0mm	6.4mm	8.8mm

Forecast for Saturday 28 Jan 2023

Weather: Mist, fog and freezing fog likely to be quite extensive at first on Saturday morning with some drizzle or light rain at times. Cloud lifting and some bright spells for later in the day but further mist and fog a possibility by the evening.

Maximum wind: Light westerly winds 10-15mph.

Chance of cloud-free hill tops above 600m: 40% rising to 60% during the afternoon as mist and fog clears from the north.

Low Cloud and visibility: Broken low cloud layers above 400m are likely with poor general visibility expected in fog patches and drizzle, visibility may be very poor at times where the fog is most prevalent. Improving during the afternoon with some good visibility likely for most places for a time. Cloud will become patchy above 600m in the afternoon before lowering and thickening again in the evening time.

Temperature: **Valleys:** Plus 1 rising to 4 Celsius.
At 600m: Minus 1 Celsius rising to plus 2 Celsius.
Freezing level: 800m rising to 1400m for a time.

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